
EG&G ISC ISC-ES-02 42 51.00 99 (January 2009)

Preparing Activity: EG&G ISC-ES Superseding
SGS-02 41 19.00 99 (April 2006)

EG&G ISC GUIDE SPECIFICATIONS

References are in agreement with UMRL dated January 2009

SECTION TABLE OF CONTENTS

DIVISION 02 - EXISTING CONDITIONS

SECTION 02 42 51.00 99

CARPET REMOVAL AND RECLAMATION

01/09

PART 1 GENERAL

- 1.1 REFERENCES
- 1.2 SUMMARY
- 1.3 SUBMITTALS
- 1.4 QUALITY ASSURANCE
 - 1.4.1 Carpet Reclamation Agency
 - 1.4.2 Carpet Remover Requirements
 - 1.4.3 Carpet Reclamation Agency Submittal
 - 1.4.4 Regulatory Requirements
- 1.5 PROJECT CONDITIONS
 - 1.5.1 Environmental Requirements

PART 2 PRODUCTS

- 2.1 CARPET RECLAMATION AGENCY
- 2.2 CARPET REMOVERS
- 2.3 MATERIALS
 - 2.3.1 Adhesive Removal Solvents
 - 2.3.2 Used Carpet
 - 2.3.3 Carpet Pad

PART 3 EXECUTION

- 3.1 EXAMINATION
 - 3.1.1 Verification of Conditions
- 3.2 PREPARATION
- 3.3 CARPET REMOVAL
- 3.4 CONTAINER DISPOSAL
- 3.5 TRUCK TRAILER DISPOSAL
- 3.6 INTERIOR OPERATIONS

-- End of Section Table of Contents --

EG&G ISC ISC-ES-02 42 51.00 99 (January 2009)

Preparing Activity: EG&G ISC-ES Superseding
SGS-02 41 19.00 99 (April 2006)

EG&G ISC GUIDE SPECIFICATIONS

References are in agreement with UMRL dated January 2009

SECTION 02 42 51.00 99

CARPET REMOVAL AND RECLAMATION 01/09

NOTE: This guide specification covers the procedures for removal and reclamation of used carpet, including EPA Affirmative Procurement requirements and Carpet America Recovery Efforts (CARE).

Edit this guide specification for project specific requirements by adding, deleting, or revising text. For bracketed items, choose applicable items(s) or insert appropriate information.

Remove information and requirements not required in respective project, whether or not brackets are present.

Comments and suggestions on this guide specification are welcome and should be directed to the technical proponent of the specification at ISC-ES.

PART 1 GENERAL

1.1 REFERENCES

NOTE: This paragraph is used to list the publications cited in the text of the guide specification. The publications are referred to in the text by basic designation only and listed in this paragraph by organization, designation, date, and title.

Use the Reference Wizard's Check Reference feature when you add a RID outside of the Section's Reference Article to automatically place the reference in the Reference Article. Also use the Reference Wizard's Check Reference feature to update the issue dates.

References not used in the text will automatically be deleted from this section of the project

specification when you choose to reconcile
references in the publish print process.

The publications listed below form a part of this section and the work
requirements:

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI A10.6 (1990; R 1998) Safety Requirements for
Demolition Operations

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

EPA 340/1-90/018 (1990) Asbestos/NESHAP Regulated Asbestos
Containing Materials Guidance

EPA AP-42 (1995) Compilation of Air Pollution
Emission Factors

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

40 CFR 247 Comprehensive Procurement Guideline for
Products Containing Recovered Materials

40 CFR 61-SUBPART M National Emission Standard for Asbestos

1.2 SUMMARY

Recycled materials are listed in the EPA's
Comprehensive Procurement Guidelines (CPG) (
<http://www.epa.gov/cpg/>). Guidelines are stated for
the recommended recycling of Building Materials,
Paint, and other miscellaneous materials.

If the Architect/Engineer/Contracting Officer
determines that the salvage value of certain
materials meeting the CPG guidelines is insufficient
in quantity to merit recycling, or if due to
geographical considerations impractical to
implement, a waiver may be initiated for the
project.[Written justification may be submitted on
a Request for Waiver Form to the [NASA][_____]]
Environmental Program Manager for approval.]

Furnish a separate contract with a Carpet Reclamation Agency for used
carpet reclamation. Provide planned procedures for removal and reclamation
of used carpet.

Refer to related UFGS Section 09 68 00 CARPETING, for floor preparation
prior to carpet installation.

1.3 SUBMITTALS

NOTE: Review submittal description (SD) definitions
in Section 01 33 00 SUBMITTAL PROCEDURES and edit
the following list to reflect only the submittals
required for the project. Keep submittals to the

minimum required for adequate quality control. Include a columnar list of appropriate products and tests beneath each submittal description.

A "G" following a submittal item indicates that the submittal requires Government approval. Some submittals are already marked with a "G". Only delete an existing "G" if the submittal item is not complex and can be reviewed through the Contractor's Quality Control system. Only add a "G" if the submittal is sufficiently important or complex in context of the project.

For submittals requiring Government approval on Army projects, a code of up to three characters within the submittal tags may be used following the "G" designation to indicate the approving authority. Codes for Army projects using the Resident Management System (RMS) are: "AE" for Architect-Engineer; "DO" for District Office (Engineering Division or other organization in the District Office); "AO" for Area Office; "RO" for Resident Office; and "PO" for Project Office. Codes following the "G" typically are not used for Navy, Air Force, and NASA projects.

Submittal items not designated with a "G" are considered as being for information only for Army projects and for Contractor Quality Control approval for Navy, Air Force, and NASA projects.

Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES in sufficient detail to show full compliance with the specification:

SD-01 Preconstruction Submittals:

Proposed dust-control measures

Proposed packing and transportation measures

Schedule of carpet reclamation activities indicating the following:

- a. Detailed sequence of removal work.
- b. Inventory of items to be removed.
- c. Carpet Reclamation Agency records indicating receipt and disposition of used carpet.

1.4 QUALITY ASSURANCE

1.4.1 Carpet Reclamation Agency

DuPont Flooring Systems firm , or CARE approved carpet removal contractor.(or designated agent firm) providing used carpet recycling under the DuPont Carpet Reclamation (SM) Program, or equivalent from alternate recycling agent.

1.4.2 Carpet Remover Requirements

DuPont Flooring Systems firm (or designated agent firm) providing carpet removal services for recycling purposes. Submit details for the following:

[Proposed dust-control measures](#)

[Proposed packing and transportation measures](#)

1.4.3 Carpet Reclamation Agency Submittal

Firm listed in PART 2. Submit a copy of [Carpet Reclamation Agency records](#) verifying disposition.

1.4.4 Regulatory Requirements

Comply with governing regulations; including, but not limited to:

[EPA 340/1-90/018](#)

[EPA AP-42](#)

[40 CFR 61-SUBPART M](#)

[ANSI A10.6](#)

[40 CFR 247](#)

Comply with hauling and disposal regulations of authorities having jurisdiction. Record and maintain records of all off-site removal of debris and materials.

Provide the following information regarding the removed materials within the [Schedule of carpet reclamation activities](#):

- a. Time and Date of Removal.
- b. Type of Material.
- c. Weight and Quantity of Materials.
- d. Final Destination of Materials.

Carpet Reclamation Agency and Carpet Remover Certification: Certify in writing that used carpet was removed and recycled in accordance with the Do not place removed carpet and associated materials in a landfill.

1.5 PROJECT CONDITIONS

1.5.1 Environmental Requirements

Obtain approval of Owner before performing operations which generate contaminants.

PART 2 PRODUCTS

2.1 CARPET RECLAMATION AGENCY

Dupont Flooring Systems, Orlando, Fl GS-27F-005K; or Carpet America Recovery Effort (CARE) approved reclamation agency.

2.2 CARPET REMOVERS

or CARE approved carpet removal contractor.# 31-18;

2.3 MATERIALS

2.3.1 Adhesive Removal Solvents

Comply with Carpet and Rug Institute Publication 104.

2.3.2 Used Carpet

Maintain possession of removed used carpet. Immediately remove from site and place in container or trailer.

Carefully remove, store, and protect designated materials and equipment for re-installation under other Sections or for retaining by Owner.

2.3.3 Carpet Pad

Provide recycling of carpet padding where locally available or as designated by Carpet Reclamation Agency.

PART 3 EXECUTION

3.1 EXAMINATION

3.1.1 Verification of Conditions

Examine areas and conditions under which work is to be performed; identify conditions detrimental to proper or timely completion.

Do not proceed until unsatisfactory conditions have been corrected.

3.2 PREPARATION

Provide, erect, and maintain barricades, lighting, and guardrails as required to protect general public, workers, and adjoining property.

Vacuum used carpet before removal.

3.3 CARPET REMOVAL

Remove used carpets in large pieces, roll tightly, and pack neatly in container. Include carpet scrap and waste from new installation.

Deposit only clean, dry carpet in containers. "Clean" is defined as free from demolition debris, asbestos contamination, garbage, and tack strips.

Remove adhesive according to recommendations of the Carpet and Rug Institute (CRI).

3.4 CONTAINER DISPOSAL

Place used carpet in fully-enclosed, front [end] loading 30.58 cubic m 40-yard container supplied by Carpet Reclamation Agency.

Place only used commercial carpeting in collection container.

Keep container locked or supervised.

Use effective packing techniques to maximize the amount of material in the container. On average, container holds 1,672-2,508 square m2,000-3,000

square yards.

Neatly stack carpet tiles or repack in cardboard boxes before placing in container.

When container is full, contact Carpet Reclamation Agency to coordinate pickup and drop-off of replacement container. If container is locked for security purposes, remove lock before pickup.

3.5 TRUCK TRAILER DISPOSAL

Place used carpet in a 16.15 m53-foot trailer supplied by Carpet Reclamation Agency. Place only used commercial carpeting in trailer. Keep trailer locked or supervised.

Use effective packing techniques to maximize the amount of material in the trailer. Comply with Department of Transportation regulations for weight limits. Typical maximum weight of used carpet on trailers is 20,412 kg 45,000 pounds.

Neatly stack carpet tiles or repack in cardboard boxes before placing in trailer. Do not stack higher than 1.829 m6 feet. When trailer is full, contact Carpet Reclamation Agency to coordinate pickup and drop-off of replacement trailer. If trailer is locked for security purposes, remove lock before pickup.

3.6 INTERIOR OPERATIONS

Seal doors and other openings with duct tape at heads, jambs, and sills to contain contaminants from work which occurs within a single room.

Use window exhaust systems to establish negative pressure in contaminant-producing work areas, ensuring continuous flow of air into work area.

Do not open windows in work area except when an exhaust fan is used. Close windows at end of each work shift. Seal exhaust system ductwork which might leak into building or mechanical systems.

Damp mop hard surface floors in work area daily to minimize tracking of contaminants from work area. In carpeted areas, protect carpet with plastic and plywood. Provide hard-surfaced area at entrances for daily damp mopping.

-- End of Section --